Permit No. 17-76

Date Issued 1/12/76

ORIGINAL
(Red)

CITY OF ALLENTOWN, PENNSYLVANIA

DEPARTMENT OF OPERATIONS

INDUSTRIAL WASTE DISCHARGE PERMIT

PERMISSION IS HEREBY GRANTED TO

MACK TRUCKS, INC.
Permittee

2100 MACK BOULEVARD
ALLENTOWN, PENNSYLVANIA 18103
Address

TO DISCHARGE INDUSTRIAL WASTE TO

SANITARY AND STORM SEWER
(Sanitary Sewer, Storm Sewer, Water Course)

In accordance with the conditions and requirements of Ordinance No. 12003 dated April 18, 1973 and Ordinance No. 12145 dated October 15, 1975. The waste discharge shall be as stated in Application For Permit To Discharge Industrial Waste dated NOVEMBER 21,1975. This permit is issued subject to the following special conditions:

1. City reserves the right under Section 4 of Ordinance No. 12003 to establish allowable discharge allocations at each point of discharge to a public sewer at a future date in order to:
   a. Prevent damage to the City's sewer system, plant, or the treatment processes.
   b. To enable City's WasteWater Treatment Plant to meet allowable discharge parameters.
   c. To satisfy State and Federal guidelines for pretreatment of pollutants introduced into publicly owned treatment works.

2. That the required surcharges are paid in accordance with the provisions of Ordinance No. 12145.

Director of Operations

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HYDRO-FAX COMPANY / AMBLER, PA. 19002 / AREA CODE 215 628-1201

October 29, 1975

Mr. Edward W. Kline
Environmental Control Specialist
Mack Trucks, Inc.
Hall & Harrison Streets
Allentown, Pa. 18103

Dear Mr. Kline:

Enclosed please find correction pages for "Waste Effluent Treatment Simulation, Mack Truck Company, Allentown, Pa., Final Proposal - Revision #5, October 27, 1975".

Copies of a revised "Preliminary Flow Diagram #1" are enclosed with the following changes to read:

- Underground sump pump will deliver to a 8,500 gallon holding tank.
- Alkaline pH ≈ 11 paint overspray booth dumps and strip tank waste sources G & H to the solids separator.
- Intermittent dumps Deoxylyte #41 and Granodine E.P.P. paint permeate sources F & I to the 6,000 gallon acid waste holding tank.
- Metering pump from caustic holding tank to pump 8 GPM to equalization section of treatment tank.
- Metering pump from acid waste holding tank to pump 2 GPM to equalization section of treatment tank.
- ORP probe to be installed in equalization section for hexavalent chromium reduction.
- Ejector pump to deliver SO_2 from cylinders to equalization section of treatment tank.
- Process waste (sources A, B, C, D, & E) to flow to equalization section at 70 GPM, pH ≈ 11.0.

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- Retention times to read:

  20 min. in equalization section

  20 min. in reduction section

  20 min. in neutralization section

- Flow from sampling basin to sewer to read 80 GPM.

If you have any questions concerning these revisions, please feel free to contact us.

Yours truly,

Thomas D. Henley

Thomas D. Henley
Research Chemist

TDH:km
Encs.

A.T.P. NCM